Pasture/Sub-Unit	Allotment/Unit	Total Capable & Suitable GIS Acres	Total Forage Estimate from PNV Data (Lbs.) (1)	Total available forage (2)	Available AUM's (3)	Proposed AUMs
Big Sagehen	Big Sagehen	6723	2338422	935369	1138	
Deer Creek	Big Sagehen	8391	3159095	1105683	1538	
Silvies River	Big Sagehen	2897	1105249	386837	471	
					3147	2444
Funny Bug	Bridge Creek	2617	902733	315956	439	
Parasol	Bridge Creek	4342	1465629	512970	713	
					1152	962
Jack Andy	Silvies	3545	1091579	382052	531	
Jump Creek	Silvies	3375	1436193	502667	699	
Loco	Silvies	672	227610	79663	110	
					1340	1526
Equation based on 27 lbs/day						
equals 1.32 AUM's					**5639**	**4932**
example: Big Sagehen Pasture						
2338422 X .4 (utilization)=						
935,369 divided by 27X30.416=						
821.23 (1 C/c pair consumption						
in 1 month) = 1138 AUM						

2=1X 0.4 (40% is the utilization level guidance for uplands)

3=2divided by 821.25 (27 lbs dry matter consumed by cow with calf in 1 average month)= AUM's

Assumptions:

All plant species have varying degrees of palatability to livestock. Available forage does not take palatability into consideration; unpalatable grasses and forbs are included in available forage.

Nor does available forage take into consideration the season of use for palatability; as some grass and forb species are more or less palatable at different times of the grazing or growing season.

Our production values are the average of data collected at sample plots throughout the pacific northwest, not an average of transects in our project area.

We're applying a 40% utilization guideline to total forage (except for Silvies River pasture we are using 35% because it has a greater departure from desired conditions, not necessarily on the vegetation most sensitive to livestock consumption (key species).

The available forage totals incorporate some wildlife utilization into the 40%.